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Commissioner for Patents  
Washington, D.C. 20231

Re: U.S. Patent Application No.: 09/534,717  
Title: *HUMAN ANTIBODIES THAT BIND HUMAN IL-12  
AND METHODS FOR PRODUCING*  
Inventors: Jochen Salfeld *et al.*  
Filed: March 24, 2000  
Our Ref. No.: BBI-093CP

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Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Information Disclosure Statement;
2. PTO Form 1449;
3. Copies of references cited in PTO Form 1449; and
4. A Return Postcard.

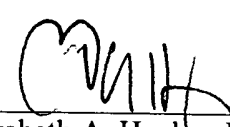
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Date

Elizabeth A. Hanley, Esq. Reg. No. 33,505

Respectfully submitted,  
LAHIVE & COCKFIELD, LLP

  
Elizabeth A. Hanley, Esq.  
Registration No. 33,505  
Attorney for Applicants



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re the application of: Jochen Salfeld *et al.*

Serial No.: 09/534,717

Filed: March 24, 2000

For: *HUMAN ANTIBODIES THAT BIND HUMAN  
IL-12 AND METHODS FOR PRODUCING*

Docket No.: BBI-093CP

Group Art Unit: 1646

Examiner: Prasad, S.

#11  
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Commissioner for Patents  
Washington, D.C. 20231

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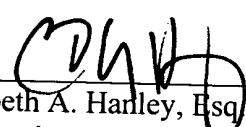
Dear Sir:

Applicants and their attorney are aware of the following publications and information, listed on the attached PTO Form 1449, and in accordance with 37 C.F.R. §1.97 hereby submit these publications for the Examiner's consideration. A copy of each cited publication is enclosed.

This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed *per se* as a representation that such publication is prior art. Moreover, Applicants understand that the Examiner will make an independent evaluation of the cited publications.

Under 37 CFR § 1.97(b)(3), no additional costs are believed to be due in connection with the filing of this disclosure. If, however, a first Office Action on the merits issues in this application bearing a mailing date prior to the date of this Information Disclosure Statement, please charge the appropriate fee as required under 37 CFR §1.17(p) to our Deposit Order Account No. 12-0080.

Respectfully submitted,  
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# LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
A1	4,816,397	3/89	Boss et al.	435	68	
A2	5,658,754	8/97	Kawasaki	435	69.1	
A3	5,643,768	7/97	Kawasaki	435	91.21	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
A4	WO 9404679 A1	3/94	PCT			
A5	EP 0 659 766 A1	6/95	EPO			
A6	WO 9524918 A1	9/95	PCT			

## OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

A7	Balashov KE, et al. Increased interleukin 12 production in progressive multiple sclerosis: induction by activated CD4+ T cells via CD40 ligand. Proc Natl Acad Sci U S A. 1997 Jan 21;94(2):599-603
A8	Barbas CF 3rd, et al. Assembly of combinatorial antibody libraries on phage surfaces: the gene III site. Proc Natl Acad Sci U S A. 1991 Sep 15;88(18):7978-82
A9	Berrebi D, et al. Interleukin-12 expression is focally enhanced in the gastric mucosa of pediatric patients with Crohn's disease. Am J Pathol. 1998 Mar;152(3):667-72
A10	Bird RE, et al. Single-chain antigen-binding proteins. Science. 1988 Oct 21;242(4877):423-6
A11	Brown PS Jr, et al. Anti-Tac-H, a humanized antibody to the interleukin 2 receptor, prolongs primate cardiac allograft survival. Proc Natl Acad Sci U S A. 1991 Apr 1;88(7):2663-7
A12	Bucht A, et al. Expression of interferon-gamma (IFN-gamma), IL-10, IL-12 and transforming growth factor-beta (TGF-beta) mRNA in synovial fluid cells from patients in the early and late phases of rheumatoid arthritis (RA). Clin Exp Immunol. 1996 Mar;103(3):357-67
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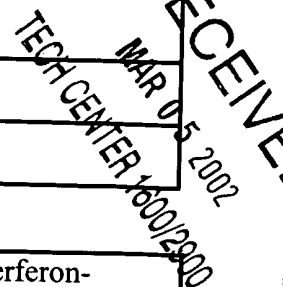
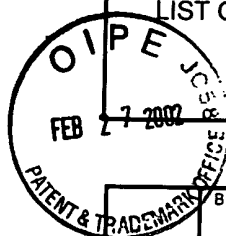
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B11	Duchmann et al., Tolerance towards resident intestinal flora in mice is abrogated in experimental colitis and restored by treatment with interleukin-10 or antibodies to interleukin-12. Eur. J. Immunol. 1996, 26:934-8 (Abstract)
B12	Hoogenboom HR, et al. Multi-subunit proteins on the surface of filamentous phage: methodologies for displaying antibody (Fab) heavy and light chains. Nucleic Acids Res. 1991 Aug 11;19(15):4133-7
B13	He M, et al. Antibody-ribosome-mRNA (ARM) complexes as efficient selection particles for in vitro display and evolution of antibody combining sites. Nucleic Acids Res. 1997 Dec 15;25(24):5132-4
B14	Huse WD, et al. Generation of a large combinatorial library of the immunoglobulin repertoire in phage lambda. Science. 1989 Dec 8;246(4935):1275-81

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C13	Pini A, et al. "Hierarchical affinity maturation of a phage library derived antibody for the selective removal of cytomegalovirus from plasma," <i>J Immunol Methods</i> . 1997 Aug 7;206(1-2):171-82
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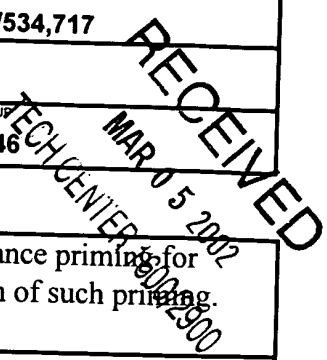
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	D8	Kabat, E.A., et al. <i>Sequences of Proteins of Immunological Interest, Fifth Edition</i> , U.S. Department of Health and Human Services, NIH Publication No. 91-3242, 1991 (Abstract) NTIS [online]. Retrieved from: Dialog Information Services, Palo, Alto, CA, USA. NTIS Accession No. PB 91-192898, Dialog Accession NO. 1606873.

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